

FIG. 1

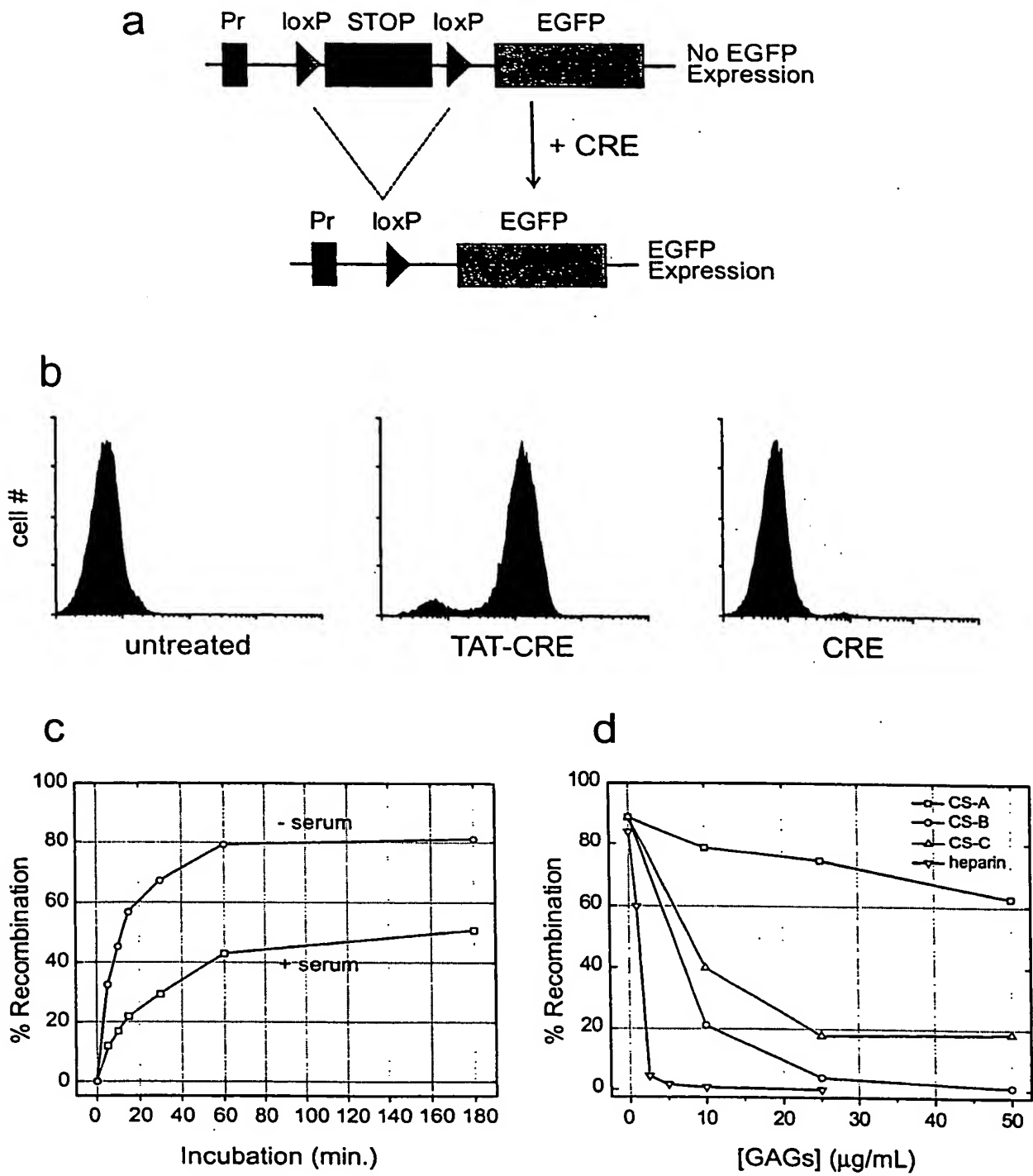


FIG. 2A-D

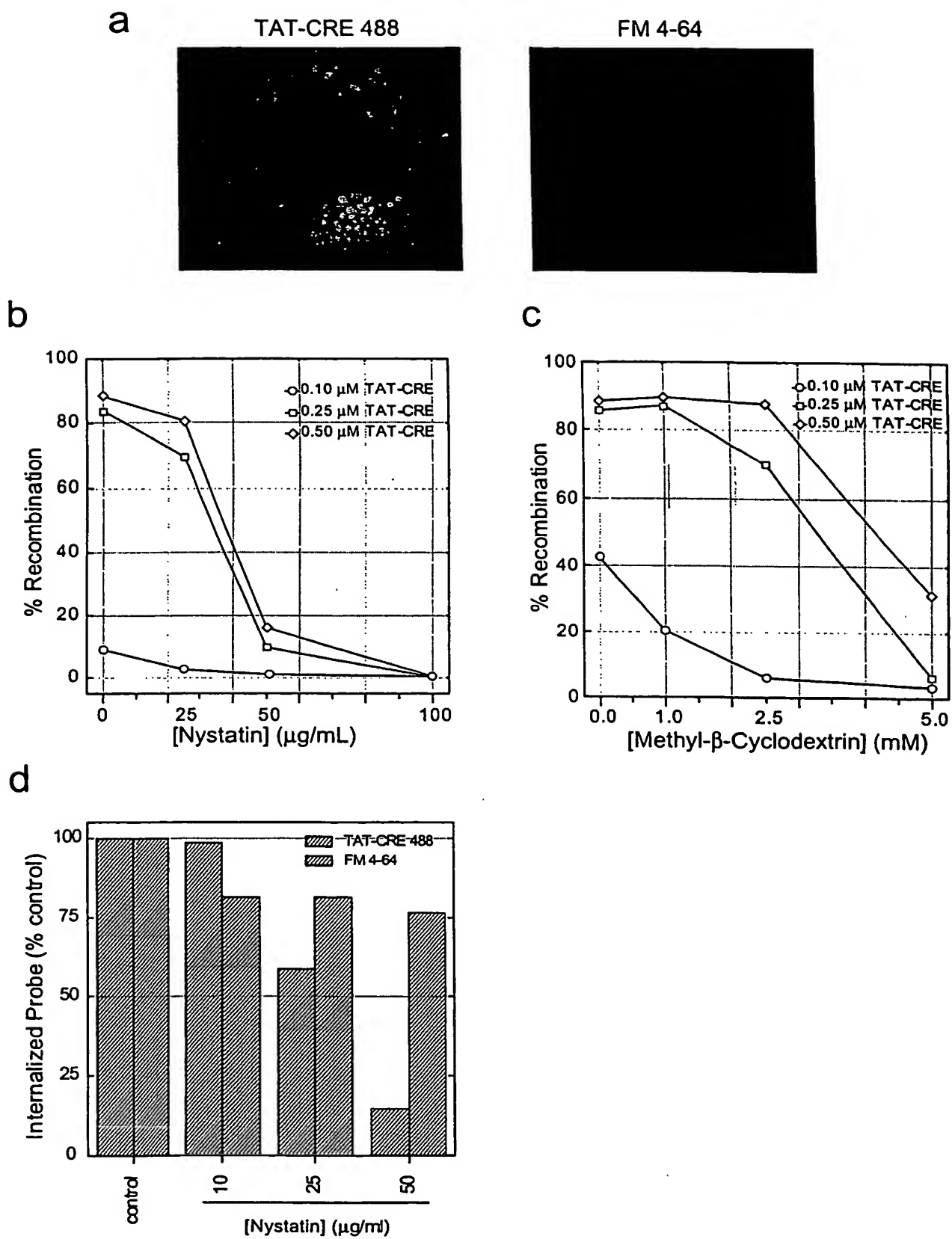
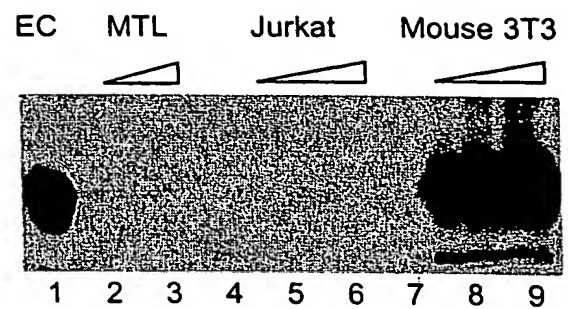


FIG. 3A-D

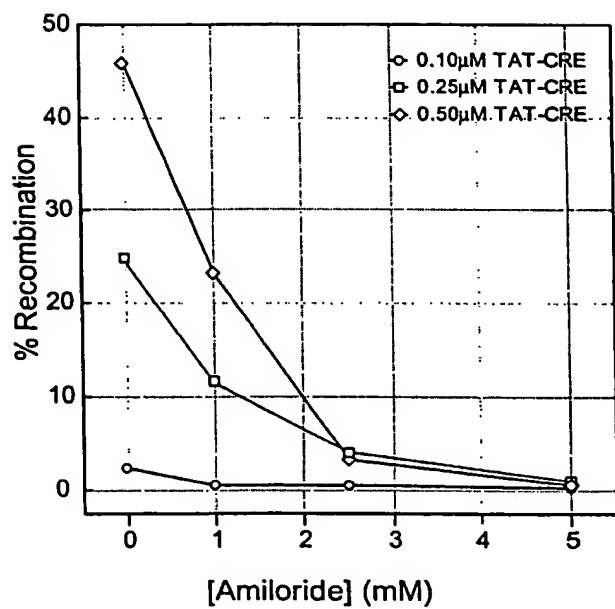
a



b



c



d

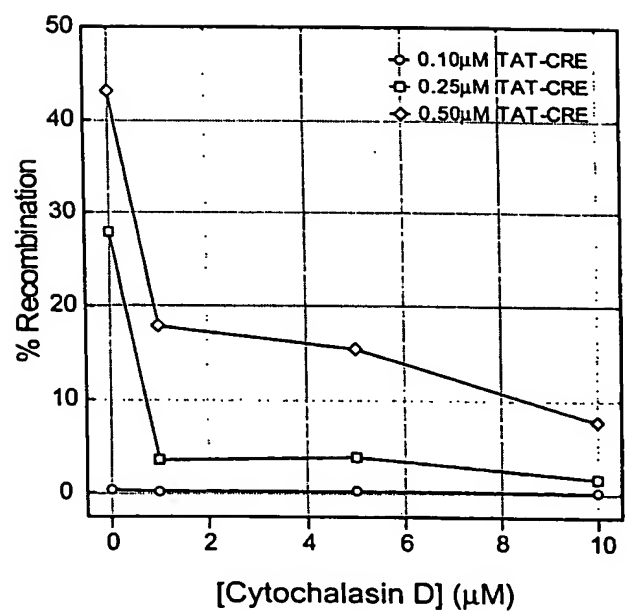


FIG. 4A-D

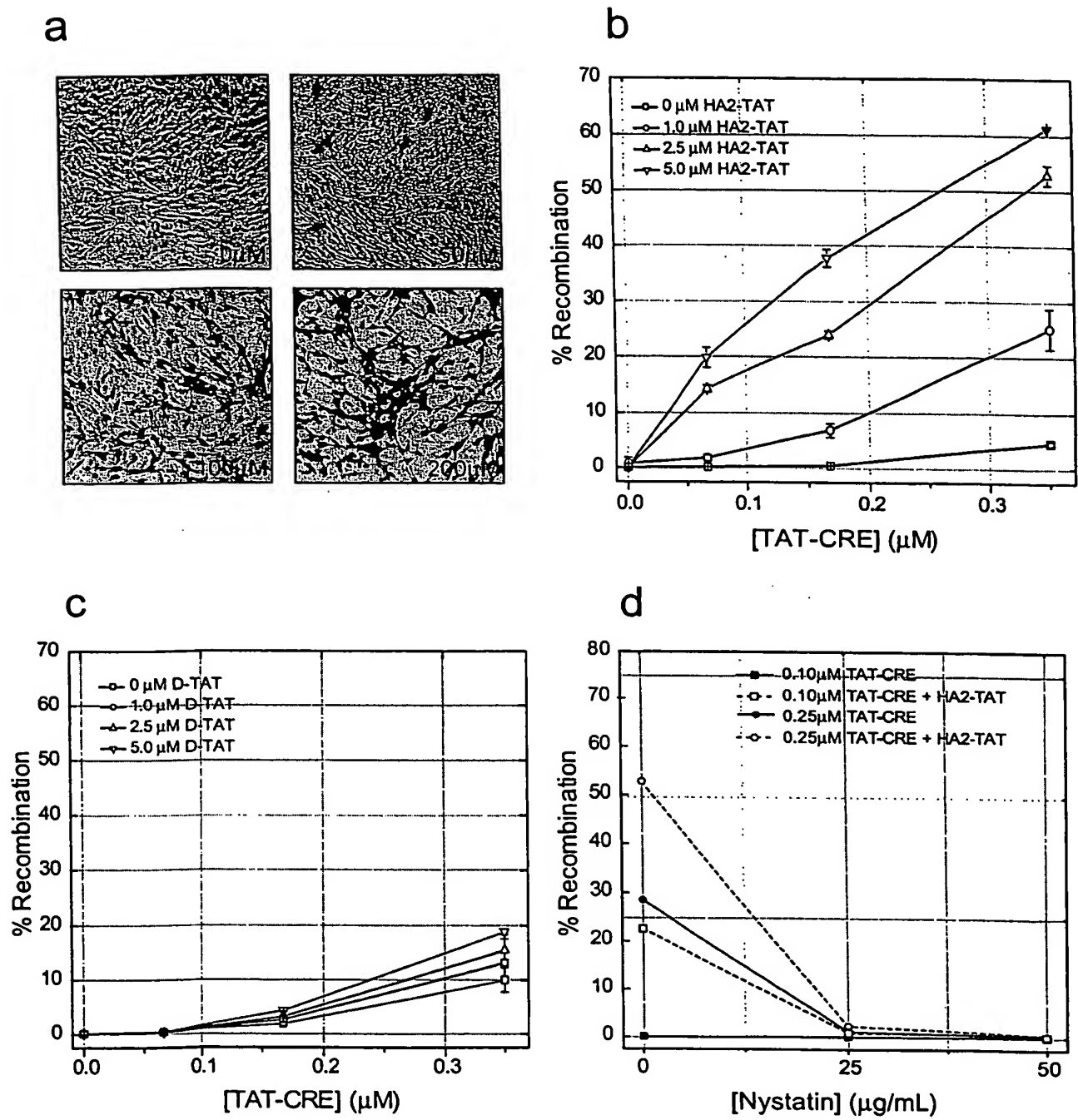


FIG. 5A-D

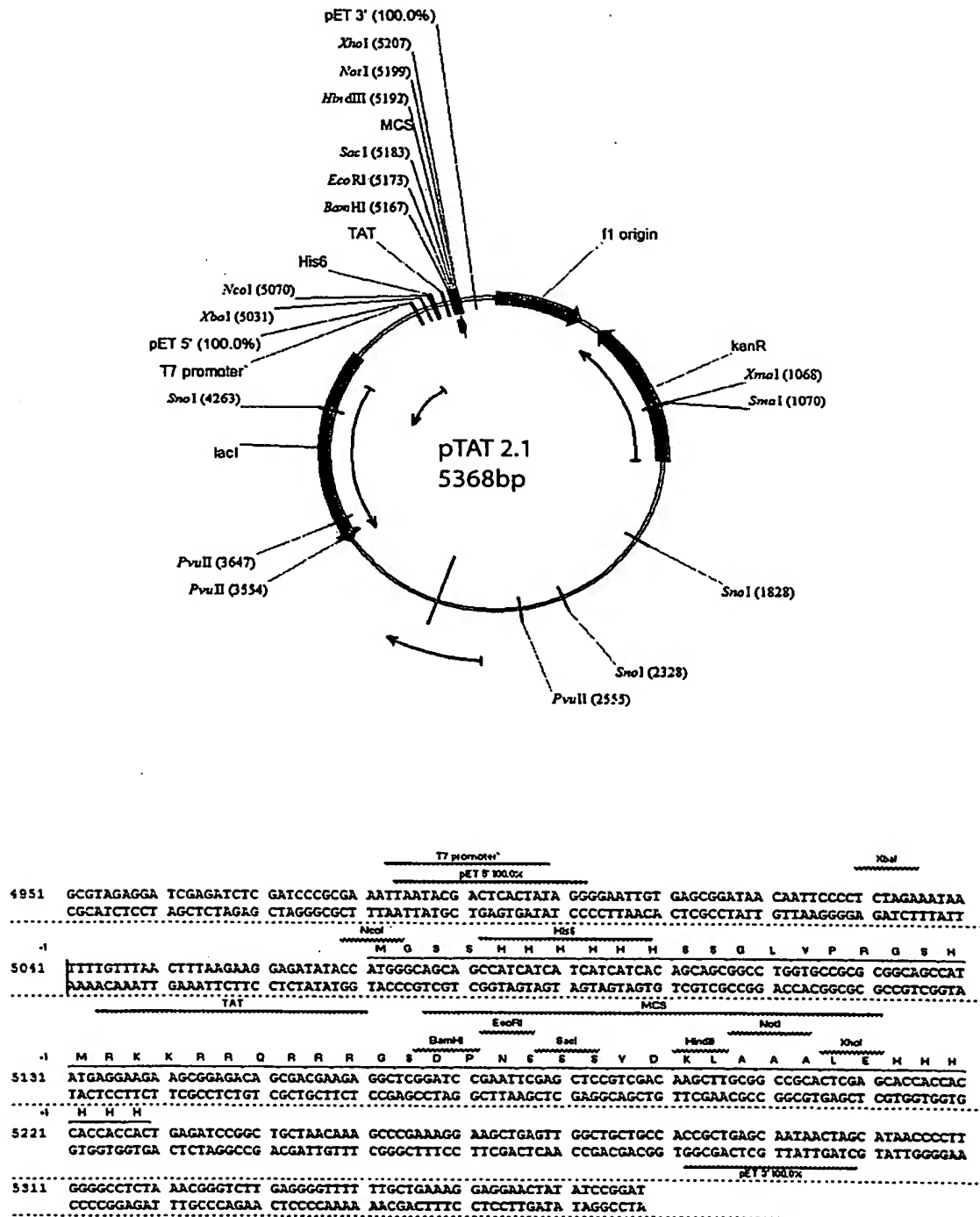
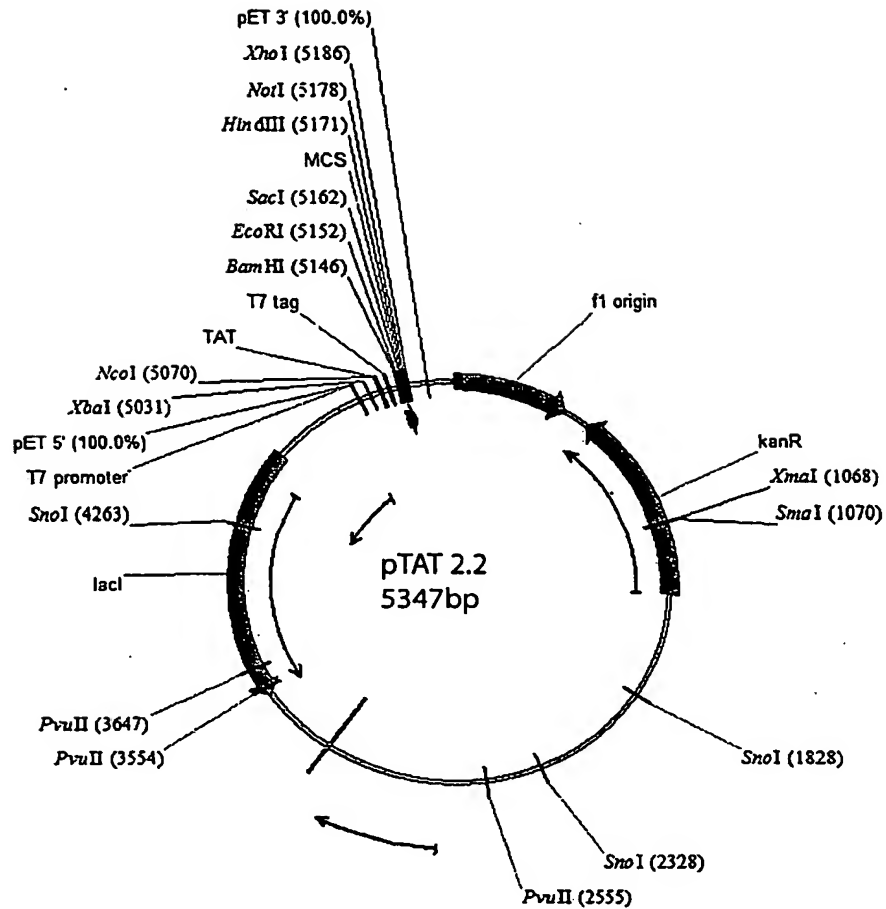


FIG. 6



		T7 promoter																				RsaI											
		pET 5' 100.0%																															
4951		GGGTAGAGGA	TCGAGATCTC	GATCCCGCGA	AAITAAATACG	ACTCACTATA	GGGGAAITGT	GAGCGGATAA	CAATTCOCCT	CTAGAAATAA																							
		CGCAICTCCT	AGCTCIAGAG	CTAGGGCGCT	TIAATTATGC	IGAGTGATAT	CCCCITAACA	CTCGCCTATT	GTIAAGGGGA	GATCITTAAT																							
		T7 tag																															
-1		M G R K K R R Q R R R R G H M A S M T G Q																															
5041		TTTTGTTTAA	CTTAAAGAGG	GAGATATACC	ATGGGCGAGG	AGAAGCGGAG	ACAGCGACGA	AGAGGCCATA	TGGCTAGCAT	GACTGGTGGG																							
		AAAACAAATT	GAAATTCCTC	CCTATAAGG	TACCCGTCCT	TCCTCGCTCT	TCCTCGCTCT	TCCTCGCTAT	ACCGATCGTA	CTGACCACT																							
		MCS																															
		T7 tag																															
		pET 3' 100.0%																															
-1		Q Q M G R D P N S S S S Y D K L A A A L E H H H H H H H																															
5131		CAGCAAATGG	GTGCGGATCC	GAATTCGAGC	TCGGTCGACA	AGCTTGGCGC	CGCACTCGAG	CACCACCACC	ACCACCCTG	AGATCCGGCT																							
		GTGCTTTACC	CAGCCCTAGG	CTTAAAGCTC	AGGCAGCTGT	TCGAACGCCG	GCGTGAGCTC	GTGGTGGTGG	TGGTGGTGAC	TCIAGGCCGA																							
5221		GCTAACAAAG	CCCGAAAGGA	AGCTGAGTTG	GCTGCTGCCA	CCGCTGAGCA	ATAACTAGCA	TAACCCCTTG	GGGCCTCTAA	ACGGGTCTTG																							
		CGATTGTTTC	GGGCTTTCCT	TCGACTCAAC	CGACGACGGT	GCGGACTCGT	TATGATCGT	ATTGGGGGAC	CCCGGAGATT	TGCCAGAAC																							
		pET 3' 100.0%																															

FIG. 7

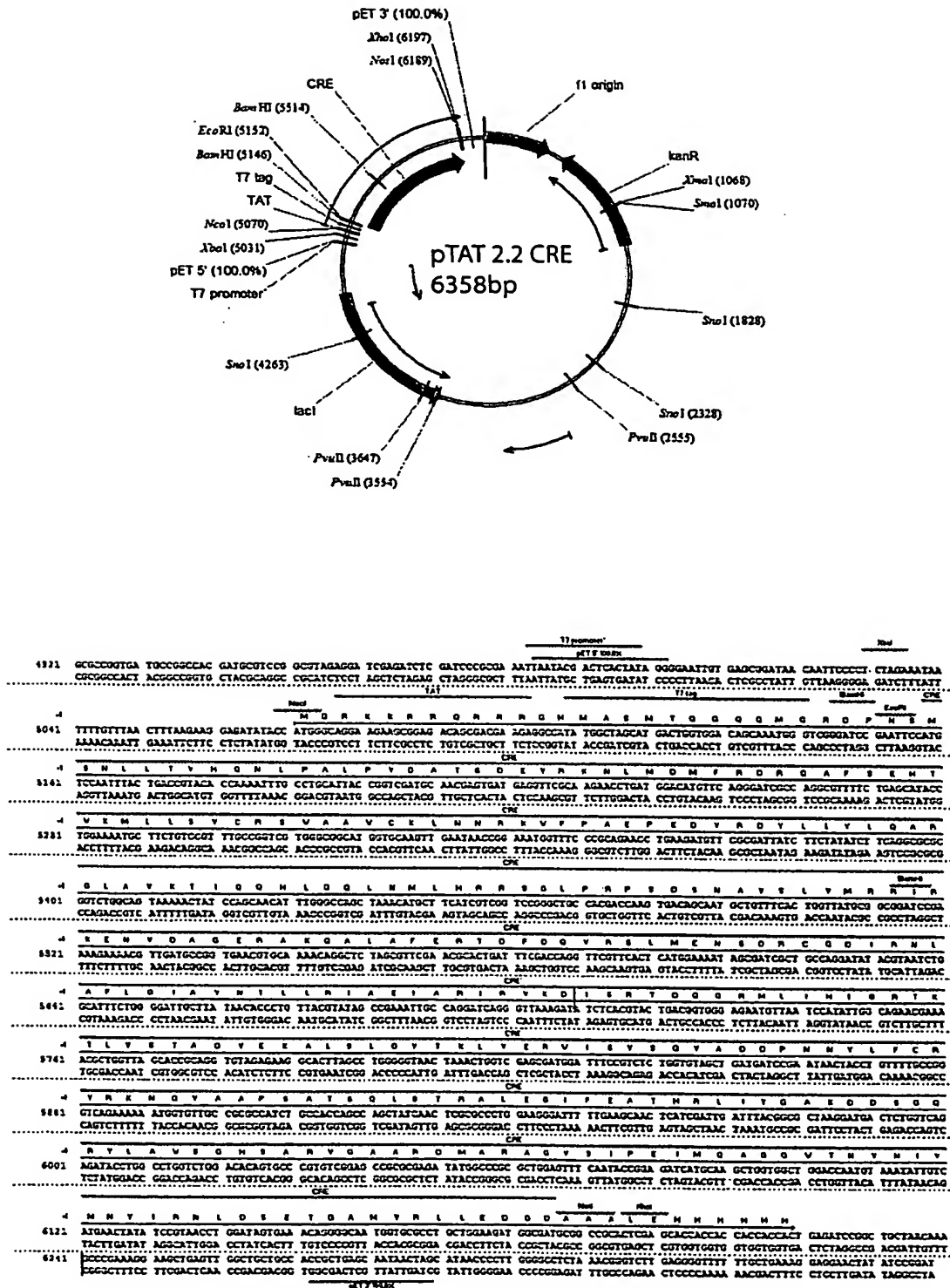


FIG. 8